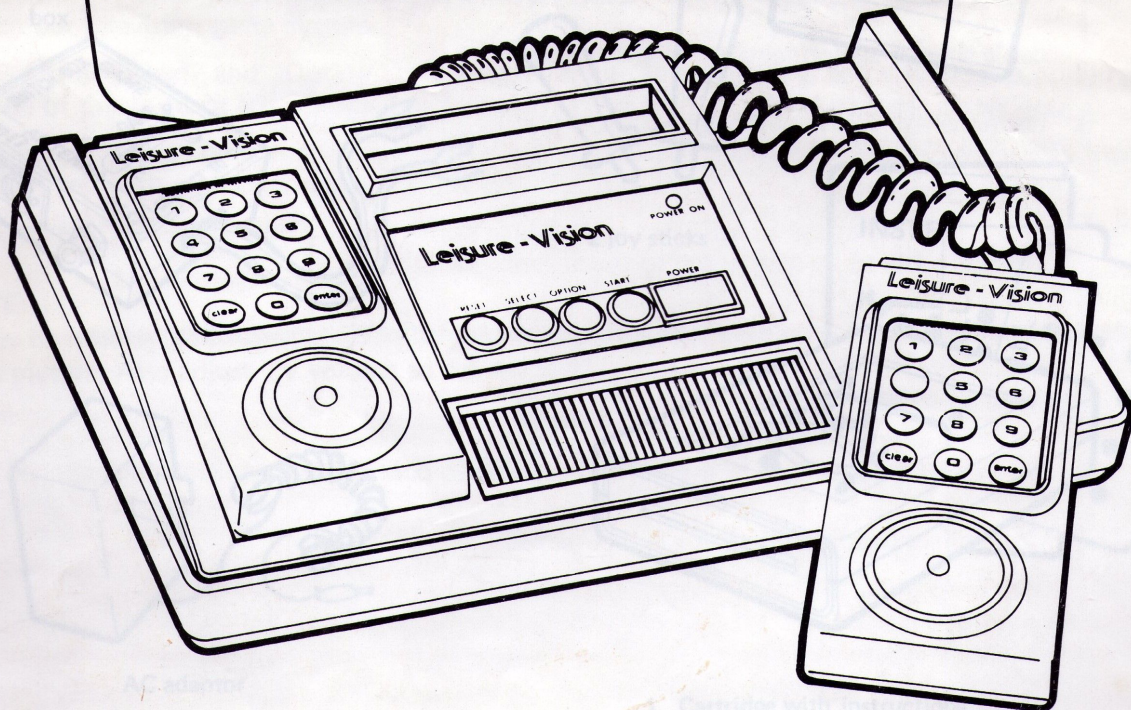


# Leisure - Vision

## COLOUR TELEVISION GAME SYSTEM



OWNER'S MANUAL



## WHAT YOU WILL FIND INSIDE PACKAGE





## INTRODUCTION

We welcome you to the wonderful world of computer fun. Your **colour television game system** will bring you endless hours of entertainment at home. With purchases of additional cartridges from the HANIMEX dealer, your choice of "Fun & Games" will be unlimited.

## IN GENERAL

1. **This colour television game system** has been designed to play games in color or black and white depending upon your TV.
2. **The console** will operate thru either channel 3 or 4 on your TV. There is a **switch** on the back of the micro-computer console for you to select your desired channel.
3. **An antenna switch box** is provided which allows you to easily change from your TV antenna to the game console.
4. **An AC adaptor** is supplied with a cable connector to supply D.C. power to the console. This should be plugged into a 117 volt 60 cycle AC outlet and the long cable should be connected to the console.
5. Permanently connected to the console are the following:

### **2 hand controllers**

**Output cable** to be connected to the antenna switch box.

6. A pair of **joy sticks** are included. These may be **optionally** mounted onto the hand controller discs.
7. Two jacks are provided in the back of console to connect two additional Hand Controllers (not included) for future games.



## HOW TO CONNECT CONSOLE TO YOUR TV AND PLAY GAME (REFER TO THE CORRESPONDING NUMBERS ON THE ILLUSTRATIONS ON PAGES 4 AND 5)

1. Connect antenna switch box to your TV VHF antenna terminals as described on page 5 ("How to connect antenna switch box")

Note: The antenna switch box has an adhesive backing for attaching to rear of TV set. Simply peel-off protective paper and press onto desired mounting location.

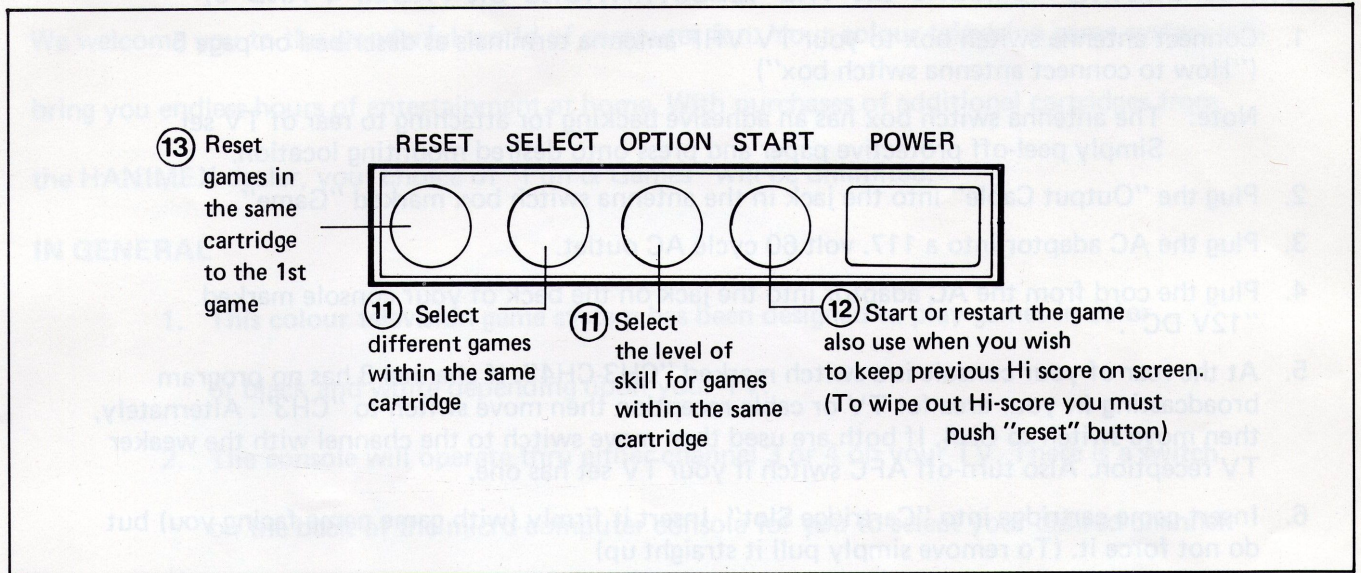
2. Plug the "Output Cable" into the jack in the antenna switch box marked "Game".
3. Plug the AC adaptor into a 117. volt 60 cycle AC outlet.
4. Plug the cord from the AC adaptor into the jack on the back of your console marked "12V DC".
5. At the rear of your console is a switch marked "CH3-CH4". If channel 3 has no program broadcasting in your area for TV or cable reception then move switch to "CH3". Alternately, then move switch to CH4. If both are used then move switch to the channel with the weaker TV reception. Also turn-off AFC switch if your TV set has one.
6. Insert game cartridge into "Cartridge Slot". Insert it firmly (with game name facing you) but do not force it. (To remove simply pull it straight up)
7. Turn on television set.
8. Tune your TV to CH3 or 4 depending upon position of console switch.
9. Slide antenna switch box to "Game" position. You are ready to begin your "Computer Game Fun". The antenna switch box also allows you to easily switch from your colour television game system to your TV program.
10. Depress "Power" button on console. The red "LED" light will indicate power is applied to colour television game system.
11. Depress "Select" and "Option" buttons on console to select game and skill level as preferred. Detailed use of this buttons are described in the instructions for the individual game cartridges.
12. Depress "Start" button on console. This will start all games. Follow detailed game play instructions supplied with each cartridge and enjoy hours of fun.
13. Depress "Reset" button to reset games in the same cartridge to 1st game.

### NOTE:

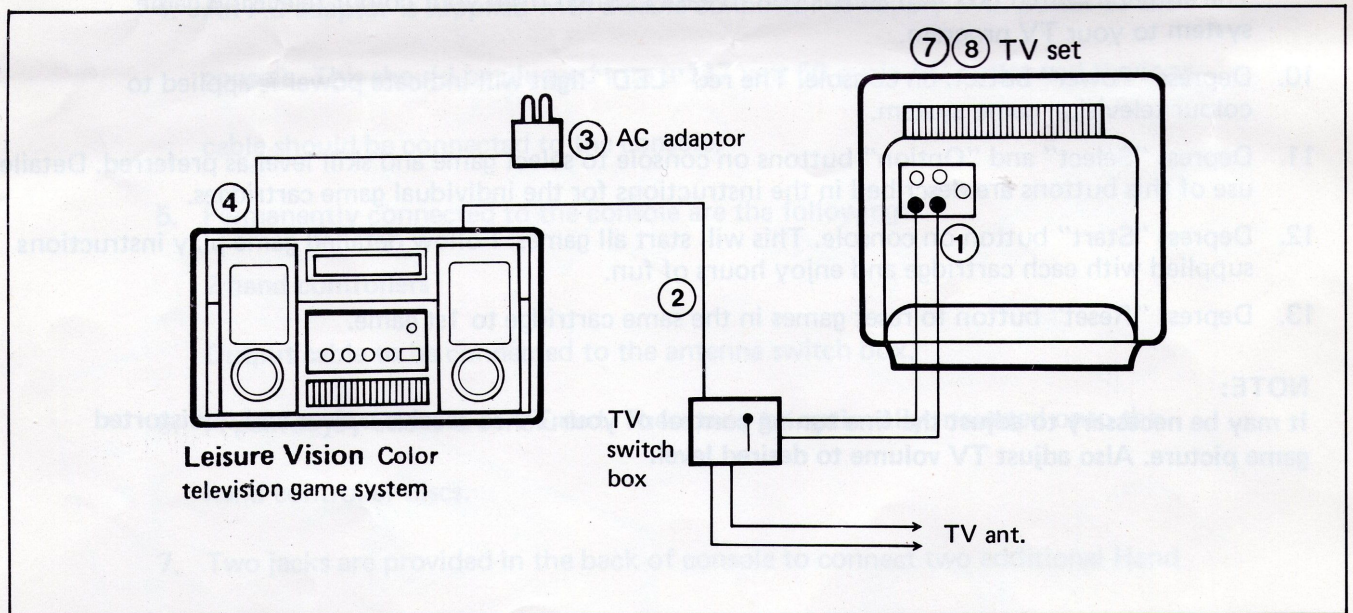
It may be necessary to adjust the fine tuning control of your TV to receive a clear and undistorted game picture. Also adjust TV volume to desired level.



## CONTROLS AND FEATURES



## CONNECT YOUR COLOUR TV GAME SYSTEM TO YOUR TV SET



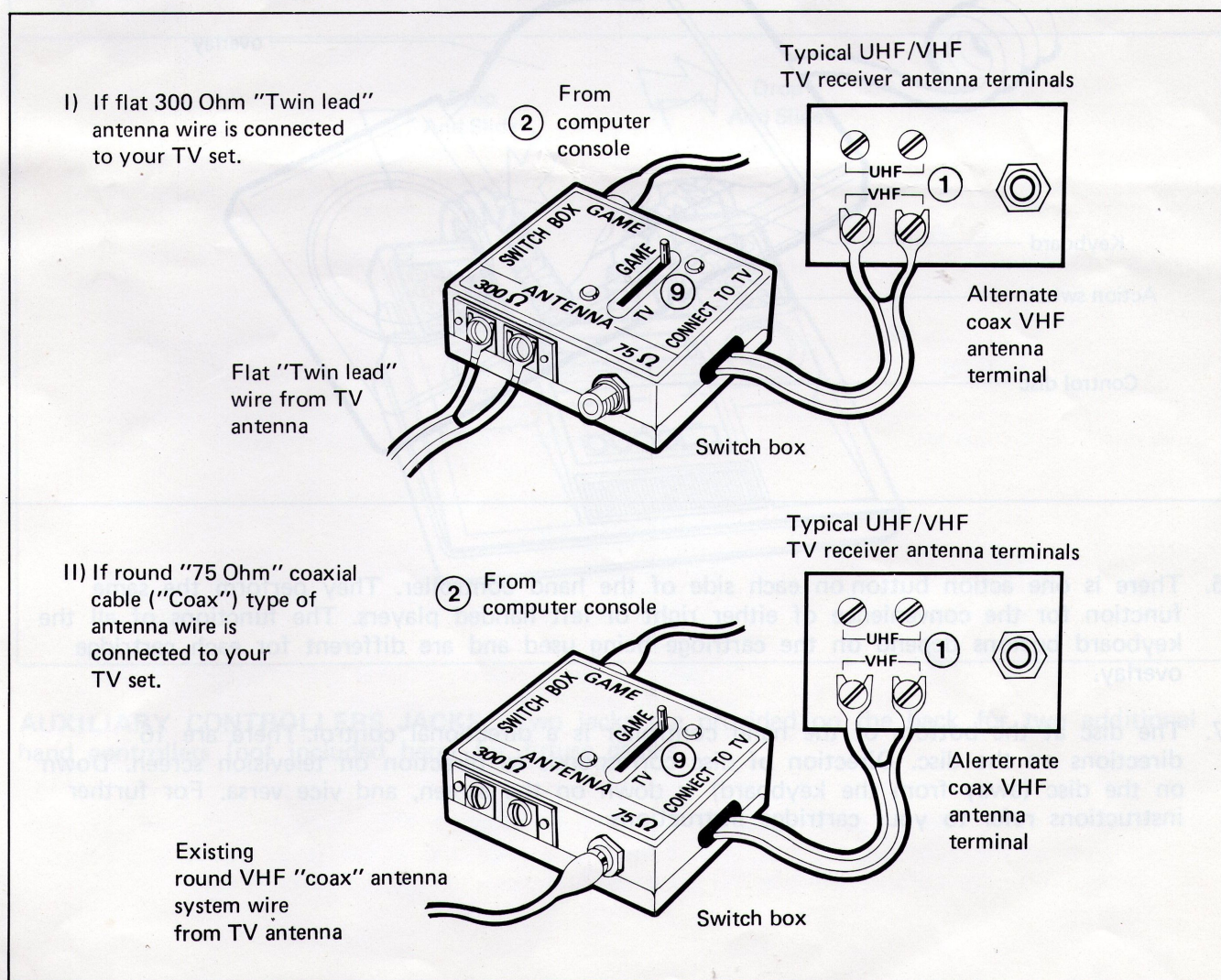


## HOW TO CONNECT THE ANTENNA SWITCH BOX

The antenna switch box allows you to easily switch to either way, your colour television game system console or your TV program.

1. Make sure both the television and the console power is turned off.
2. Using a screwdriver, remove the wires going to the VHF terminals on your TV set. Connect these two wires to the antenna terminals on the switch box.
3. Connect the twin lead wires from the switch box to the VHF terminals of your TV.
4. Plug in the output cable from console into the game input of the switch box.
5. Finally peel off the adhesive protector from the switch box, and attach permanently to the rear of your TV.

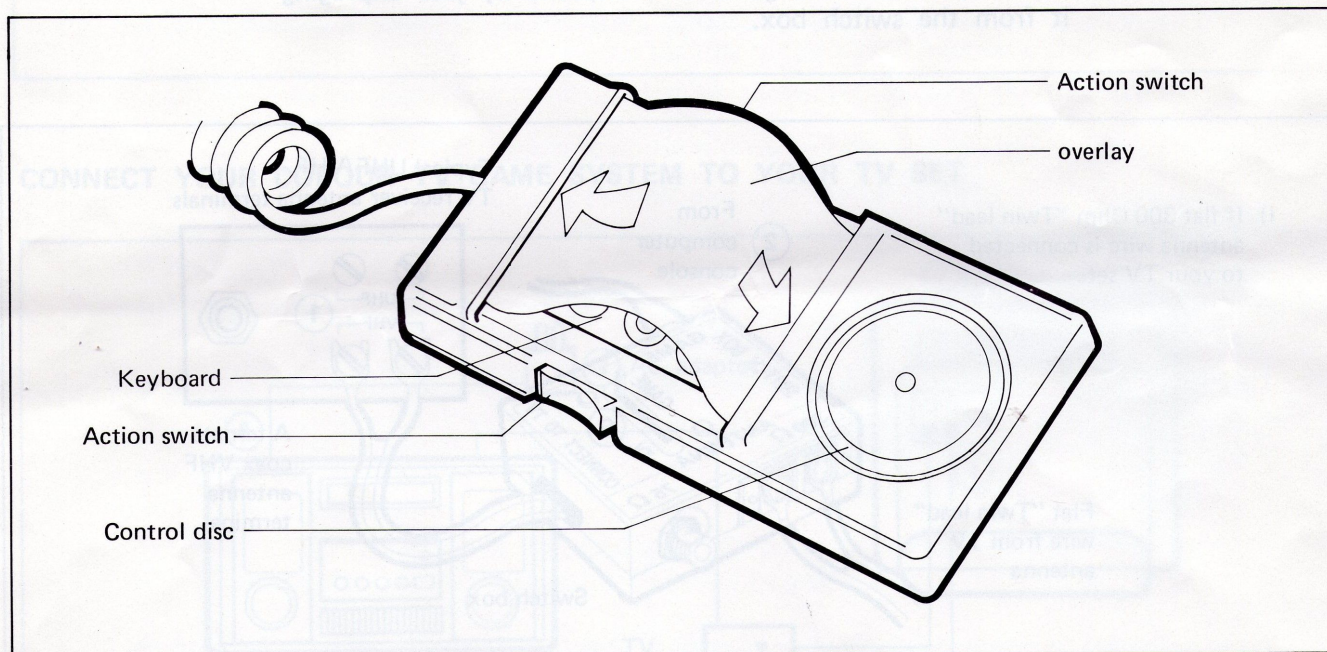
Note: You may remove the game wire anytime by just unplugging it from the switch box.





## HOW TO USE YOUR HAND CONTROLLERS

1. This colour television game system console contains two hand controllers which are permanently wired with coil cables.
2. Since the hand controllers are to be used with any game you play, hold the hand controller in your hand before you begin play, just to get the feel of it.
3. You will notice that there are 12 keys on the keyboard. These are used for feeding data into colour television game system.
4. With each cartridge, there may be 2 overlays which fit over the keyboards of the 2 hand controllers. These overlays match to the particular game being played and determine how the keys on the keyboard relate to the cartridge.
5. Slip the overlay over the keyboard as shown.



6. There is one action button on each side of the hand controller. They perform the same function for the convenience of either right or left handed players. The functions of all the keyboard buttons depend on the cartridge being used and are different for each cartridge overlay.
7. The disc at the bottom of the hand controller is a directional control. There are 16 directions on the disc. Direction of disc corresponds to direction on television screen. Down on the disc (away from the keyboard) is down on the screen, and vice versa. For further instructions refer to your cartridge instructions.

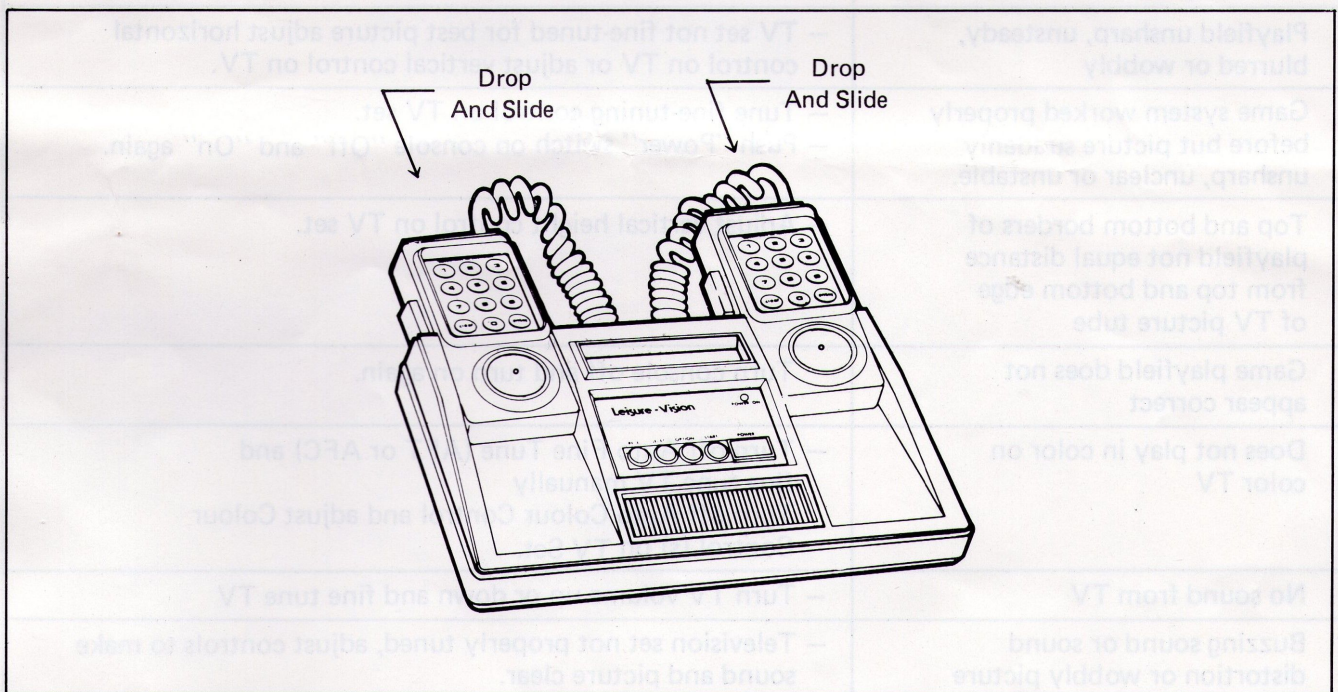


8. To operate the directional disc, press your finger on the outer edge and slide your finger around the edge to change direction of object you are moving.
9. To stop motion, simply stop pressing disc. You must be pressing on the disc in some direction for motion to take place.
10. To avoid permanently overstretching the coiled cables, they should not be pulled out to their extreme length.
11. Optional joysticks have been provided. Those joysticks may be mounted onto the control discs to convert the hand controllers to a "Joystick" type controller. Simply screw the joystick into the center of the disc. Rotate joystick for game action. To remove joystick simply unscrew it. The control disc may be operated using your fingers or by attaching the joystick.

#### WHEN NOT IN USE

##### For Short Period:

1. Turn off by depressing "Power" button on console in extended position. The "LED" indicator will turn off.
2. Replace the two hand controllers in place as shown. Slide them into slots.



**AUXILIARY CONTROLLERS JACKS:** Two jacks are provided on the back for two additional hand controllers (not included here) for future games.



## TROUBLE SHOOTING CHECK LIST

Symptom	Cause And Remedy
No playfield image on TV screen or whitish gray screen	<ul style="list-style-type: none"> <li>– Switch box set at "TV". Change to "Game" position.</li> <li>– Check TV is switched to channel 3 or channel 4</li> <li>– Game cable not properly plugged into the switch box.</li> <li>– Twin-lead wire not properly attached to rear of TV.</li> <li>– A.C. Power supply unit not plugged into wall and/or control unit, check LED light on console is lit.</li> <li>– On/Off switch not pushed to "On" position, check LED is lit.</li> <li>– Adjust TV fine tuning control.</li> <li>– Turn AFC control off.</li> </ul>
No regular television programs	<ul style="list-style-type: none"> <li>– Switch box set at "Game". Change to "TV"</li> <li>– Antenna wire not properly attached to 300 Ohm terminals or 75 Ohm jack, on switch box .</li> <li>– Twin lead wire not properly attached to rear of TV.</li> </ul>
Playfield fuzzy like weak TV station signal	<ul style="list-style-type: none"> <li>– Poor connections at antenna terminals of TV set or switch box.</li> </ul>
Playfield unsharp, unsteady, blurred or wobbly	<ul style="list-style-type: none"> <li>– TV set not fine-tuned for best picture adjust horizontal control on TV or adjust vertical control on TV.</li> </ul>
Game system worked properly before but picture suddenly unsharp, unclear or unstable.	<ul style="list-style-type: none"> <li>– Tune fine-tuning control on TV set.</li> <li>– Push "Power" switch on console "Off" and "On" again.</li> </ul>
Top and bottom borders of playfield not equal distance from top and bottom edge of TV picture tube	<ul style="list-style-type: none"> <li>– Adjust vertical height control on TV set.</li> </ul>
Game playfield does not appear correct	<ul style="list-style-type: none"> <li>– Turn console off and turn on again.</li> </ul>
Does not play in color on color TV	<ul style="list-style-type: none"> <li>– Turn off Auto Fine Tune (AFT or AFC) and fine tune TV manually</li> <li>– Turn off Auto Colour Control and adjust Colour Control (s) on TV Set.</li> </ul>
No sound from TV	<ul style="list-style-type: none"> <li>– Turn TV volume up or down and fine tune TV</li> </ul>
Buzzing sound or sound distortion or wobbly picture	<ul style="list-style-type: none"> <li>– Television set not properly tuned, adjust controls to make sound and picture clear.</li> <li>– Broadcast interference on channel 3, 4 or cable TV from an especially strong television station in your area. Disconnect the TV-VHF antenna wires from the switch box and continue playing, but you will have to reconnect again for TV viewing.</li> </ul>

**NOTE:** Due to differences in color circuitry on various makes of TV receivers; activating the reset 'button of the console may not always clear and reset the screen properly. If this occurs please turn the console off for 2-3 seconds, and turn on again.